

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1703	SERIAL NO. 09/844,175	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Farnworth et al.		
					FILING DATE April 27, 2001	GROUP 2858	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
RK	AA	4571540	2/18/1986	Stowers et al.	324	761	
RK	AB	5838160	11/17/1998	Beaman et al.	324	754	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
	AL						Yes
	AM						No
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER	<i>R. Farnworth</i>			DATE CONSIDERED	10-25-02		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
TECHNOLOGY CENTER 2800
AUG 21 2002

part of paper #12

Form PTO-1449				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703	SERIAL NO. 09/844,175	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnsworth et al.				
				FILING DATE April 27, 2001		GROUP 2858		
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name			Class	Subclass	Filing Date If Appropriate
RK	AA 4,566,184	1/86	Higgins et al.			29	840	
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country			Class	Subclass	Translation
								Yes
	AL							No
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER <i>R. K. Farnsworth</i>				DATE CONSIDERED <i>11-20-01</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

part of paper #6

Form PTO-1449 JUN 19 2001		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1703		SERIAL NO. 09/844,175	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Farnsworth et al.			
					FILING DATE April 27, 2001		GROUP 2858	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate
<i>JK</i>	AA	6,093,643	7/25/00	Akram		438	652	
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country		Class	Subclass	Translation
								Yes
	AL							No
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER <i>JK</i>				DATE CONSIDERED 11-20-01				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

part of paper #5

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MI22-1703SERIAL NO.
09/844,175LIST OF TRADEMARKS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Warren M. Farnworth et al.FILING DATE
April 27, 2001GROUP
2858

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PK	AA	6,002,266	12/99	Briggs et al.	324	758	TECHNOLOGY CENTER 2858 APR 27 2001
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR							
	AS							
	AT							

EXAMINER 

DATE CONSIDERED

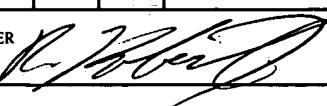
11-20-01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

part of paper #4



Form PTO-1449			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703		PRIORITY SERIAL NO. 09/411,139	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)			APPLICANT Warren M. Farnworth et al.					
			PRIORITY FILING DATE October 1, 1999		PRIORITY GROUP 2858			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate
PK	AA	4,105,970	08/1978	Katz		+		
PK	AB	4,141,055	02/1979	Berry et al.		+		
PK	AC	4,182,781	01/1980	Hooper et al.		+		
PK	AD	4,189,825	02/1980	Robillard et al.		+		
PK	AE	4,312,117	01/1982	Robillard et al.		+		
PK	AF	4,417,206	11/1983	Stowers		+		
PK	AG	4,499,656	02/1985	Fabian et al.		+		
PK	AH	4,585,991	04/1986	Reid et al.		+		
PK	AI	4,881,118	11/1989	Niwayama et al.		+		
PK	AJ	4,924,589	05/1990	Leedy		+		
PK	AK	4,929,999	05/1990	Hoeberechts et al.		+		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country		Class	Subclass	Translation
								Yes
								No
PK	AL	329314	08/89	European		+		
PK	AM	57143838	09/82	Japan		+		
PK	AN	2-5540	01/90	Japan		+		
PK	AO	2232946	09/90	Japan		+		
PK	AP	53171	03/91	Japan		+		
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
PK	AR		Moto'o Nakano, "A Probe for Testing Semiconductor Integrated Circuits and a Test Method Using Said Probe", 25 March					
			1991, Japanese Patent Office Disclosure No. Hei 3-69131, Filing No. Hei 1-205301, filing date 8 August 1989.					
	AS							
	AT							
EXAMINER <i>W. Farnworth</i>			DATE CONSIDERED <i>11-20-01</i>					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p><i>part of paper #3</i></p>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1703		PRIORITY SERIAL NO. 09/411,139	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Farnworth et al.			
					PRIORITY FILING DATE October 1, 1999		PRIORITY GROUP 2858	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate
PK	AA	4,937,653	06/1990	Blonder et al.				
PK	AB	4,952,272	08/1990	Okino et al.				
PK	AC	4,963,225	10/1990	Lehman-Lamar				
PK	AD	5,014,161	10/1990	Lee et al.				
PK	AE	5,032,541	07/1991	Sakamoto et al.				
PK	AF	5,045,780	09/1991	Swart				
PK	AG	5,072,116	12/1991	Kawade et al.				
PK	AH	5,103,557	04/1992	Leedy				
PK	AI	5,137,461	08/1992	Bindra et al.				
PK	AJ	5,177,438	01/1993	Littlebury et al.				
PK	AK	5,177,439	01/1993	Liu et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country		Class	Subclass	Translation
PK	AL	108350	05/91	Japan				Yes
PK	AM	410446	01/92	Japan				No
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER 				DATE CONSIDERED <i>11-20-01</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

part of paper #3

Form PTO-1449				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703		PRIORITY SERIAL NO. 09/411,139	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.					
				PRIORITY FILING DATE October 1, 1999		PRIORITY GROUP 2858			
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate	
<i>RK</i>	AA	5,206,585	04/1993	Chang et al.					
<i>RK</i>	AB	5,245,135	09/1993	Schreiber et al.					
<i>RK</i>	AC	5,262,718	11/1993	Svendsen et al.					
<i>RK</i>	AD	5,307,561	05/1994	Feigenbaum et al.					
<i>RK</i>	AE	5,323,035	06/1994	Leedy					
<i>RK</i>	AF	5,326,428	07/1994	Farnworth et al.					
<i>RK</i>	AG	5,353,195	10/1994	Fillion et al.					
<i>RK</i>	AH	5,402,077	03/1995	Agahdel et al.					
<i>RK</i>	AI	5,468,917	11/1995	Brodsky et al.					
<i>RK</i>	AJ	5,523,697	6/1996	Farnworth et al.					
	AK								
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country		Class	Subclass	Translation	
								Yes	No
	AL								
	AM								
	AN								
	AO								
	AP								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
	AR								
	AS								
	AT								
EXAMINER <i>R. K. Farnworth</i>				DATE CONSIDERED <i>11-20-01</i>					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>									

part of paper #3

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1703		PRIORITY SERIAL NO. 09/411,139	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Farnworth et al.			
					PRIORITY FILING DATE October 1, 1999		PRIORITY GROUP 2858	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate
<i>RK</i>	AA	3,412,456	11/26/68	Ebisawa		1	1	
<i>RK</i>	AB	3,469,019	09/23/69	Reimann		1	1	
<i>RK</i>	AC	4,315,984	02/16/82	Okazaki et al.		1	1	
<i>RK</i>	AD	5,196,251	03/23/93	Bakhru et al.		1	1	
<i>RK</i>	AE	5,235,140	08/10/93	Reeble et al.		1	1	
<i>RK</i>	AF	5,239,260	08/24/93	Widder et al.		1	1	
<i>RK</i>	AG	5,334,804	08/02/94	Love et al.		1	1	
<i>RK</i>	AH	5,367,253	11/22/94	Wood et al.		1	1	
<i>RK</i>	AI	5,419,807	05/30/95	Akram et al.		1	1	
<i>RK</i>	AJ	5,431,328	07/11/95	Chang et al.		1	1	
<i>RK</i>	AK	5,471,151	11/28/95	DiFrancesco		1	1	
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country		Class	Subclass	Translation
	AL							Yes
	AM							No
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER <i>R. K. Farnworth</i>				DATE CONSIDERED <i>11-20-01</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

part of paper #3

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1703		PRIORITY SERIAL NO. 09/411,139		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Farnworth et al.				
					PRIORITY FILING DATE October 1, 1999		PRIORITY GROUP 2858		
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate	
<i>RK</i>	AA	5,477,087	12/19/95	Kawakita et al.					
<i>RK</i>	AB	5,478,779	12/26/95	Akram					
<i>RK</i>	AC	5,559,444	09/24/96	Farnworth et al.					
<i>RK</i>	AD	5,625,297	04/29/97	Arnaudov et al.					
<i>RK</i>	AE	5,716,218	02/10/98	Farnworth et al.					
<i>RK</i>	AF	5,790,377	08/04/98	Schreiber et al.					
<i>RK</i>	AG	5,831,832	11/03/98	Gillette et al.					
<i>RK</i>	AH	5,849,633	12/15/98	Akram					
<i>RK</i>	AI	5,869,787	02/09/99	Akram					
	AJ	5,471,151	11/08/95	DiFrancesco <i>Duplicate</i>					
<i>RK</i>	AJ	5,420,520	5/30/95	Anschel et al.					
<i>RK</i>	AK	5,541,525	7/1996	Wood et al.					
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country		Class	Subclass	Translation	
								Yes	No
	AL								
	AM								
	AN								
	AO								
	AP								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
	AR								
	AS								
	AT								
EXAMINER <i>RK</i>		DATE CONSIDERED <i>11-20-01</i>							
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									